

Title (en)

VAVD REGULATOR CONTAMINATION AND CONDENSATION CONTROL

Title (de)

KONTAMINATIONS- UND KONDENSATIONSKONTROLLE FÜR VAVD-REGLER

Title (fr)

CONTRÔLE DE LA CONTAMINATION ET DE LA CONDENSATION D'UN RÉGULATEUR VAVD

Publication

EP 3691706 A1 20200812 (EN)

Application

EP 17780405 A 20171006

Priority

EP 2017075451 W 20171006

Abstract (en)

[origin: WO2019068338A1] Embodiments include a vacuum assisted venous drainage (VAVD) system, including a regulator valve assembly configured to facilitate application of vacuum to a reservoir; a control unit configured to control the regulator valve assembly to facilitate controlling application of the vacuum; at least one pressure sensor coupled to the reservoir and configured to obtain pressure measurements of pressure in the reservoir; a heating element configured to heat the regulator valve assembly to a target temperature; and at least one temperature sensor configured to determine a temperature of the regulator valve assembly.

IPC 8 full level

A61M 1/00 (2006.01); **A61M 1/36** (2006.01)

CPC (source: EP US)

A61M 1/73 (2021.05 - EP); **A61M 1/743** (2021.05 - EP US); **A61M 1/785** (2021.05 - EP US); **A61M 1/3627** (2013.01 - EP); **A61M 1/3666** (2013.01 - EP US); **A61M 2205/3331** (2013.01 - EP US); **A61M 2205/3368** (2013.01 - EP US); **A61M 2205/3584** (2013.01 - US); **A61M 2205/36** (2013.01 - US); **A61M 2205/3673** (2013.01 - EP US); **A61M 2205/52** (2013.01 - US); **A61M 2205/7536** (2013.01 - US)

Citation (search report)

See references of WO 2019068338A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019068338 A1 20190411; EP 3691706 A1 20200812; EP 3691706 B1 20231220; JP 2020535943 A 20201210; JP 6963111 B2 20211105; US 11590274 B2 20230228; US 11819603 B2 20231121; US 2020276366 A1 20200903; US 2023166023 A1 20230601; US 2023414857 A1 20231228

DOCDB simple family (application)

EP 2017075451 W 20171006; EP 17780405 A 20171006; JP 2020540669 A 20171006; US 201716753751 A 20171006; US 202318101276 A 20230125; US 202318242733 A 20230906